

# WTBN RANGE 4

## SOP

### RANGE DESCRIPTION

Range 4 is an active, small arms, live-fire known distance range located at Grid 88046766.

It is accessible from MCB-4. Range 4 has 50 firing points and firing distances from 100 to 1000 yards.

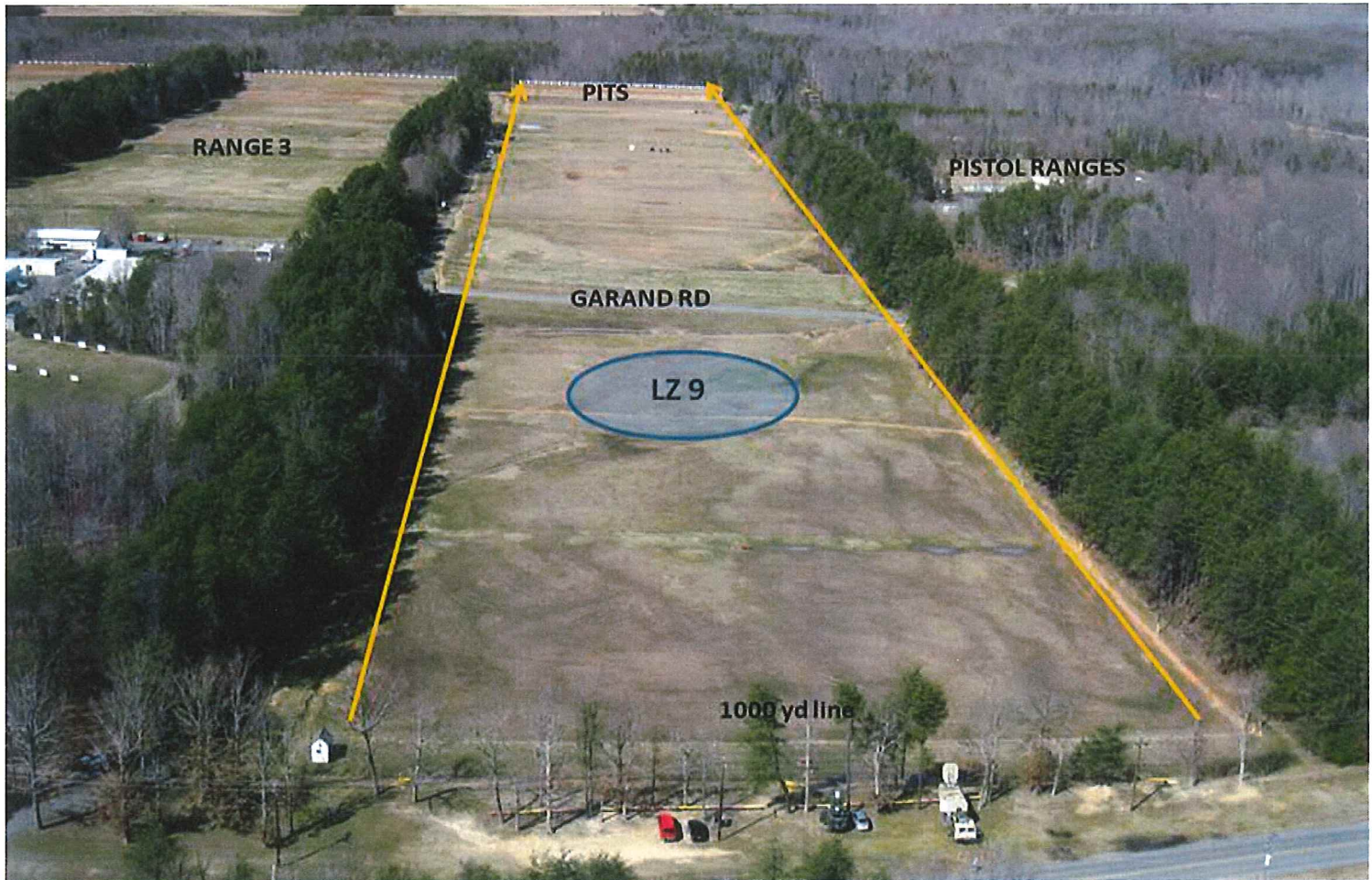
Primary Use: The primary purpose is the execution of Scout Sniper Instruction and Competitive Marksmanship Training for Marine Corps Rifle Teams.

**DOWN RANGE MOVEMENT INTO THE IMPACT AREA (BEYOND THE IMPACT BERM) IS PROHIBITED**



WTBN Range 4





**GENERAL RANGE INFORMATION:**

Number of Firing Points: 50

**Weapons authorized:**

- Approved service rifles
- Sniper, competition and special application scoped rifles (SASR)
- Service shotguns
- Service pistols
- Approved foreign weapons
- Approved pyrotechnics and illumination when fire conditions allow.
- Approved R&D weapons
- Automatic Rifles

**Ammunition authorized:**

**Large caliber restrictions:** See Special Instructions/Comments para.16)

- .338
- .300
- .50 cal (Ball only)
- 7.62mm (All)
- 5.56mm (All)
- Pistol (All)
- Shotgun (All)
- .22cal (All)

- Approved rifle team competition ammunition
- Approved foreign weapon ammunition
- 40mm illumination grenade

#### **TARGETS/SIMULATORS/DEVICES**

- Standard rifle range carriages capable of 6' x 6' target frames.
- Approved Ballistic Steel Targets are authorized for sniper training (Brinell AR-500).
- Static wood, paper, plastic and glass. For short range shooting, targets can be placed on the 100-500 yard firing lines; However, targets will not be placed where the protective berm will be used as the impact berm.

#### **ADDITIONAL RANGE INFORMATION:**

**PRIMARY DIRECTION OF FIRE.** Northwest

#### **SPECIAL INSTRUCTIONS/COMMENTS**

1. All range regulations (MCBO 3570.1) and the WTBN Range 4 SOP must be adhered to.
2. Using unit will check-in with WTBn S-3 and receive range brief prior to occupying the range.
3. Red range flags will be placed on the pit poles next to targets 1 and 50 and on the poles on either side of the firing lines being used. For night shooting a red strobe is located at the 600 yard line.
4. The only weapons and ammunition approved for use on this range are listed in this SOP. There shall be no deviation from or modification to the approved weapons and ammunition.
5. Movement between firing lines must be coordinated with WTBn S-3 via radio communication.
6. Fire and Maneuver is not authorized. Fire and movement and firing on the move to support the execution of the Marine Corps Combat Marksmanship Program Table 2-4 Short range engagements and the Scout Sniper transition course is authorized.
7. Procedures for firing on the move:
  - Movement will be restricted to walking straight forward, to the rear and simple button-hook techniques.  
(No fire team/individual rushes)
  - There will be no more than two shooters per instructor/safety supervisor moving at a time. (Example: 7 shooters = 4 instructor/safety supervisors).



-There will be at least one target width separation between shooters.

-Targets will be no farther than 50m.

-Targets will be constructed from paper, plastic or wood. No steel targets engaged with 5.56mm/7.62mm closer than 100m.

-Shooters will fire at no more than two targets at a time while firing on the move.

-Semi-auto only.

8. Personnel will only enter the pits when authorized by the RSO and WTBn S-3.

9. Steel targets are authorized on Range 4 IAW SOUM 2-02 with the following restrictions:

a. All targets must be placed, at a minimum, forward of the 500 yard line.

b. Personnel on adjacent ranges must be physically up-range of the location of the steel targets.

c. **\*\*Steel targets will not be engaged closer than 100m with 5.56mm, 7.62mm, .300 or .338.**

d. Steel targets are not authorized for .50 cal.

10. The Officer-in-Charge (OIC) shall be the rank of Staff Sergeant or above and will be certified in accordance with MCB Range Regulations. The Range Safety Officer (RSO) shall be the rank of Sergeant or above and will be qualified in accordance with MCB Range Regulations.

11. The RSO will be physically present on the range at all times during live fire training and events. The OIC must be physically on the WTBn range complex and must maintain radio contact with the RSO at all times.

12. There will be no personnel on adjacent ranges forward of any targets on Range 4.

a. Personnel on Range 4 cannot be forward of any static targets on Range 3 or either of the Pistol Ranges.

b. Personnel on Range 3 or either of the Pistol Ranges cannot be forward of any Range 4 static targets.

13. Personnel will not occupy any portion of the SDZs unless they are protected by artificial barriers. Any personnel located in the pits will remain on the catwalk during firing.

14. Strict inter-range and intra-range coordination and communication will be exercised to ensure personnel are not exposed to direct weapons fire or ricochet hazards.

15. When firing beyond the 600 yard line, the gates on Garand road must be closed and live-fire in progress signs posted. Additionally, a red flag must be flown at the gate flagpoles.

16. The following restrictions apply to firing large caliber rifles (.50, .300 or .338):

a. Ammunition .50 cal MK211 A606 is not authorized.

b. The firing of large caliber ammunition will only be done from between the 300 and 1000 yard lines.

c. Large caliber rifles will only be loaded and fired while in the prone position with bipod legs on the ground.

d. .338 LAPUA ammunition (DODIC AB97 or 300gr civilian equivalent) can only be fired from the 500 to 1,000 yard lines when firing points 1-50 are used. If restricted to firing points 1-25, the 300 yard line may be used. .338 IS NOT AUTHORIZED for any firing line closer than 300 yards.

17. Glass targets (Snipers) are authorized with the following restrictions:

a. All glass fragments/spalling will be completely removed from the range upon completion of training. This can be done by utilizing drop cloths/sheets.

b. For angled glass shots, the target will be positioned so that the gun-target line (the shot) is oriented straight down range.

c. Glass targets will be treated as steel targets in accordance with this SOP and SOUM 2-02; however, glass is authorized for approved .50 cal ammunition.

d. Glass will not be fired at less than 100 yds.

18. Automatic fire is only authorized for 3-round or 6 to 9-round bursts.

19. The following restrictions apply to Range 4 Rec Fire:

a. Only firearms with a distance x (maximum range) of 6500m (.50cal M2 ball) or less will be fired (unless .300 MK248 MOD 1 or .338 are anticipated).

b. If .300 MK248 MOD 1 or .338 are anticipated for Rec Fire, then they will be specifically scheduled with Range Control and no firearms

with greater distance x of .300 MK248 MOD 1 (6294m) or .338 (6833m) can be fired.

20. When rifle team training or competition matches are being conducted, and specialized calibers below .300 MK248 MOD 1 cal are being used, a MK248 MOD 1 .300 SDZ (Dist X 6294m) will be utilized.

21. For the Interservice Opening Shot, all procedures will be in accordance with the Interservice Rifle Match Opening Shot Ceremony Certification dated 01 Jul 2010. It is included as part of the WTBN Range 4 certification.

22. **PIT SENTRY SYSTEM:** In the event of an incident in the Pits involving injury, death or damage to Government Property, individuals from Range Management Branch (RMB) will be dispatched to retrieve/download the video of the incident captured by the Pit Sentry System. This video will be transported back to RMB and kept inside the Range Control Facility (RCF).

23. Units that have requested contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) that are not present on the specified range within 1 hour of the requested time and have not contacted RMB/TSCQ will forfeit all contracted support for the day.

24. Units that have occupied a range with approved contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) and that have not begun to use that support within 2 hours of the requested hour of operation will forfeit all contracted support for the day.

25. Units that are training with contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) that place themselves voluntary into check fire for 2 hours during the approved support operational hours will forfeit all support for the day.

NOTE: Units that encounter situations where contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) is delayed or interrupted by circumstances beyond the control of the requesting unit (i.e., RMB directed check fire, ASP support, MEDEVAC, etc.) must contact RMB/TSCQ in order to arrange continued support within the scope of the contract and available assets.

**APPLICABLE MAP SHEET.** All grid coordinates listed in this order apply to the Quantico Military Installation Map V834S Edition 4-NGA 1:25000.

**FACILITIES**

Towers: 0

Bleachers: 0

Sheds: 2

Ammo Breakdown table: 1

Parking: Limited



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Electricity:  Yes
Lights:      No
Water System: No
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Nearest MEDEVAC Landing Zones (LZ)	MILES
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**LASERS AUTHORIZED:** Class 1 - 3R. Standard aiming devices mounted on approved service rifles. Class 3B can be fired if safety screw is installed preventing high power output.

1. A radio check is required immediately upon occupying any portion of the RTA, every 30 minutes in a live fire status and every 3 hours in a non-live fire status.
2. The Range Control Facility (RCF) Fire Desk Net Control call sign is "Range Control". Your call sign is "Range XX" (name of range, training area or facility unit is occupying).
3. The primary RCF Fire Desk Net Control frequencies are: ELMR talk group "RC Safety" (ground) and 323.7 AM UHF (air).
4. The secondary RCF Fire Desk Net Control is telephone, numbers: 703-784-5321 or 5322.
5. OIC/RSO will monitor the RCF primary and secondary Safety Nets at all times. Instant communication is required.
6. Any unit with organic ELMR radios will have their ELMR radios programed with the "RC Safety" talk group and use those radios as their primary means of communication within the RTA.
7. Units without organic ELMR assets will be issued ELMR radios from RMB upon check-in.
8. Approved Non-ELMR radios are only authorized for internal communication (ground).
9. If the RCF cannot reach a unit within the RTA via primary communication, the unit will be contacted via the secondary means of communication.
10. Upon loss of primary communication the OIC/RSO will initiate a "check fire"/cease training status and will contact the RCF via secondary

communication. This communication will be maintained while primary communication is being restored. Units may only resume firing/training once primary communication has been re-established and clearance is granted by the RCF.

#### INJURY CLASSIFICATIONS:

Injuries are classified into the following categories in order to aid in casualty evacuation from the RTA.

1. ROUTINE. Routine injuries are those injuries that are not threatening to life, limb or eyesight; and conditions or illnesses treatable by medication or procedures available at the base medical facilities.
2. PRIORITY. Priority injuries are those injuries that require immediate medical attention but are not threatening to life, limb, or eyesight if treated promptly.
3. URGENT. Urgent injuries are severe injuries that are threatening to life, limb, or eyesight and require immediate medical attention.
4. MASS CASUALTY. A mass casualty is a series of injuries with multiple priority and urgent medical patients.

#### MEDICAL EVACUATION (MEDEVAC) PROCEDURES:

1. Injury occurs.
2. Range immediately cease-fires.
3. Range notifies S-3/OOD of injury
4. S-3/OOD dispatches corpsman
5. Medical support evaluates/treats injured personnel.
6. Range radio operator/OIC notifies the RCF of the injury, stating briefly what happened, the extent of the injury and what type of MEDEVAC transportation needed (ground/air).
7. Maintain constant radio contact with Range Control and await further instructions.

\*Minor injuries and illnesses requiring routine field medical services need not be reported to RMB but should be reported in unit training logs.

  
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RANGE CONTROL OFFICER

DATE: 14 JUNE 2016